

WO 2004/065380

34.W01.ST25
SEQUENCE LISTING

<110> Arena Pharmaceuticals, Inc.
Jones, Robert M.
Semple, Graeme
Fioravanti, Beatriz
Pereira, Guilherme
Calderon, Imelda
Uy, Jane
Choi, Jin Sun
Karoline
Xiong, Yifeng
Dave, Vibha

<120> 1,2,3-TRISUBSTITUTED ARYL AND HETEROARYL DERIVATIVES AS
MODULATORS OF METABOLISM AND THE PROPHYLAXIS AND TREATMENT OF
DISORDERS RELATED THERETO

<130> 34.W01

<160> 6

<170> PatentIn version 3.2

<210> 1

<211> 1191

<212> DNA

<213> Homo sapien

<400> 1

| | |
|--|------|
| atgtacccat acgacgtccc agactacgct ggaagcttgg aatcatcttt ctcatattgga | 60 |
| gtgatccttg ctgtcctggc ctccctcatc attgctacta acacactagt ggctgtggct | 120 |
| gtgctgctgt tgatccacaa gaatgatggg gtcagtctct gcttcacctt gaatctggct | 180 |
| gtggctgaca ccttgattgg tgtggccatc tctggcctac tcacagacca gctctccagc | 240 |
| ccttctcggc ccacacagaa gaccctgtgc agcctgcgga tggcatttgt cacttcctcc | 300 |
| gcagctgcct ctgtcctcac ggcatgctg atcacctttg acaggtacct tgccatcaag | 360 |
| cagcccttcc gctacttgaa gatcatgagt ggggttcgtg ccggggcctg cattgccggg | 420 |
| ctgtggtag tgtcttacct cattggcttc ctccactcg gaatcccat gttccagcag | 480 |
| actgcctaca aagggcagtg cagcttcttt gctgtatttc accctcactt cgtgctgacc | 540 |
| ctctcctcgc ttggcttctt ccagccatg ctctctttg tctcttctta ctgcgacatg | 600 |
| ctcaagattg cctccatgca cagccagcag attcgaaaga tggaaatgc aggagccatg | 660 |
| gctggagggt atcgatcccc acggactccc agcgacttca aagctctccg tactgtgtct | 720 |
| gttctcattg ggagctttgc tctatcctgg acccccttcc ttatcactgg cattgtgcag | 780 |
| gtggcctgcc aggagtgtca cctctaccta gtgctggaac ggtacctgtg gctgctcggc | 840 |
| gtgggcaact cctgctcaa cccactcatc tatgcctatt ggcagaagga ggtgcgactg | 900 |
| cagctctacc acatggccct aggagtgaag aaggtgctca cctcattcct cctctttctc | 960 |
| tcggccagga attgtggccc agagaggccc agggaaagt cctgtcacat cgctactatc | 1020 |
| tccagctcag agtttgatgg cgaattcggg tccaagggca attctgcaga tatccagcac | 1080 |
| agtggcggcc gctcgagtct agagggcccg cggttcgaag gtaagcctat ccctaaccct | 1140 |
| ctcctcggtc tcgattctac gcgtaccggt catcatcacc atcaccattg a | 1191 |

34.W01.ST25

<210> 2
 <211> 396
 <212> PRT
 <213> Homo sapien

<400> 2

Met Tyr Pro Tyr Asp Val Pro Asp Tyr Ala Gly Ser Leu Glu Ser Ser
 1 5 10 15

Phe Ser Phe Gly Val Ile Leu Ala Val Leu Ala Ser Leu Ile Ile Ala
 20 25 30

Thr Asn Thr Leu Val Ala Val Ala Val Leu Leu Leu Ile His Lys Asn
 35 40 45

Asp Gly Val Ser Leu Cys Phe Thr Leu Asn Leu Ala Val Ala Asp Thr
 50 55 60

Leu Ile Gly Val Ala Ile Ser Gly Leu Leu Thr Asp Gln Leu Ser Ser
 65 70 75 80

Pro Ser Arg Pro Thr Gln Lys Thr Leu Cys Ser Leu Arg Met Ala Phe
 85 90 95

Val Thr Ser Ser Ala Ala Ala Ser Val Leu Thr Val Met Leu Ile Thr
 100 105 110

Phe Asp Arg Tyr Leu Ala Ile Lys Gln Pro Phe Arg Tyr Leu Lys Ile
 115 120 125

Met Ser Gly Phe Val Ala Gly Ala Cys Ile Ala Gly Leu Trp Leu Val
 130 135 140

Ser Tyr Leu Ile Gly Phe Leu Pro Leu Gly Ile Pro Met Phe Gln Gln
 145 150 155 160

Thr Ala Tyr Lys Gly Gln Cys Ser Phe Phe Ala Val Phe His Pro His
 165 170 175

Phe Val Leu Thr Leu Ser Cys Val Gly Phe Phe Pro Ala Met Leu Leu
 180 185 190

Phe Val Phe Phe Tyr Cys Asp Met Leu Lys Ile Ala Ser Met His Ser
 195 200 205

Gln Gln Ile Arg Lys Met Glu His Ala Gly Ala Met Ala Gly Gly Tyr
 210 215 220

Arg Ser Pro Arg Thr Pro Ser Asp Phe Lys Ala Leu Arg Thr Val Ser
 225 230 235 240

34.W01.ST25

Val Leu Ile Gly Ser Phe Ala Leu Ser Trp Thr Pro Phe Leu Ile Thr
 245 250 255

Gly Ile Val Gln Val Ala Cys Gln Glu Cys His Leu Tyr Leu Val Leu
 260 265 270

Glu Arg Tyr Leu Trp Leu Leu Gly Val Gly Asn Ser Leu Leu Asn Pro
 275 280 285

Leu Ile Tyr Ala Tyr Trp Gln Lys Glu Val Arg Leu Gln Leu Tyr His
 290 295 300

Met Ala Leu Gly Val Lys Lys Val Leu Thr Ser Phe Leu Leu Phe Leu
 305 310 315 320

Ser Ala Arg Asn Cys Gly Pro Glu Arg Pro Arg Glu Ser Ser Cys His
 325 330 335

Ile Val Thr Ile Ser Ser Ser Glu Phe Asp Gly Glu Phe Gly Ser Lys
 340 345 350

Gly Asn Ser Ala Asp Ile Gln His Ser Gly Gly Arg Ser Ser Leu Glu
 355 360 365

Gly Pro Arg Phe Glu Gly Lys Pro Ile Pro Asn Pro Leu Leu Gly Leu
 370 375 380

Asp Ser Thr Arg Thr Gly His His His His His His
 385 390 395

<210> 3
 <211> 24
 <212> DNA
 <213> Artificial

<220>
 <223> Homo sapien Primer

<400> 3
 cattgccggg ctgtgggttag tgtc

24

<210> 4
 <211> 24
 <212> DNA
 <213> Artificial

<220>
 <223> Homo sapien Primer

<400> 4
 ggcatagatg agtgggttga gcag

24

<210> 5
 <211> 22
 <212> DNA

34.W01.ST25

<213> Artificial

<220>

<223> Rat Primer

<400> 5

catgggccct gcaccttctt tg

22

<210> 6

<211> 24

<212> DNA

<213> Artificial

<220>

<223> Rat Primer

<400> 6

gctccggatg gctgatgata gtga

24